Index of Claims

| Application/Control No | ٥. |
|------------------------|----|

10/717,451

Examiner

Date

CHAN S. PARK

Applicant(s)/Patent under Reexamination

NOZATO, KOJI

Art Unit

2625

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

Claim

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

|                            |  |          |              |          |              |                                     |   |              |  | _                      |
|----------------------------|--|----------|--------------|----------|--------------|-------------------------------------|---|--------------|--|------------------------|
| Cla                        | ım   |          |              |          | ᆜ            | Date                                | -   |              |  |                        |
|                            | <u>-</u>   |          |              |          |              |                                     |   |              |  |                        |
| Final                      | Ë  | 8/10/07  | 1/4/08       |          |              |                                     |   | l            |  |                        |
| 造                          | Ę  | 110      | 1/4          |          |              |                                     |   |              |  |                        |
|                            | 0  | 8        |              |          | 1            |                                     |   |              |  |                        |
| 1                          | က် 🕒 Original  | J        | =            |          |              |                                     |   |              | _  |                        |
|                            | 2  | 70       | -            | $\vdash$ |              |                                     | -   | -            |  | $\vdash$               |
|                            | 2  | Н        |              | $\vdash$ | $\vdash$     |                                     |   |              |  | $\vdash$               |
|                            | 3<br>4<br>5  |          |              | F        |              |                                     |   | _            |  | -                      |
| 2<br>3<br>4<br>5<br>6      | 4  | 7        | =            |          |              |                                     |   |              |  |                        |
| 3                          | 5  | ٧        | =            | _        |              |                                     |   |              |  |                        |
| 4                          | 6  | 7        | =            |          |              |                                     |   |              |  |                        |
| 5                          | 6<br>7<br>8  | 1        | =            |          |              |                                     |   |              |  |                        |
| 6                          | .8   | 1        | =            |          |              |                                     |   |              |  |                        |
| 7                          | 9  | 1        | =            |          |              |                                     |   |              |  |                        |
| 8                          | 10   | 7 7 7    | =            |          |              |                                     |   |              |  |                        |
| 8                          | (11)   | 1        | =            |          |              |                                     |   |              |  |                        |
|                            | 12   | 0        |              |          |              |                                     | $\vdash$  |              |  |                        |
| $\vdash$                   | 12   | Ť        |              | $\vdash$ |              |                                     | $\vdash$  |              |  | $\vdash$               |
| 10                         | 14   | 1        | E            | -        | H            |                                     | $\vdash$  | $\vdash$     |  | $\vdash \vdash$        |
| 10<br>11                   | 14   | 1        | <u> </u>     | _        | $\vdash$     |                                     | H   | -            |  | $\vdash \vdash$        |
| 11                         | 15   | ۲,       | =            |          |              |                                     | <u> </u>  | <b>  </b>    | -  | $\sqcup$               |
| 12<br>13<br>14<br>15<br>16 | 9<br>10<br>11)<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19 | 1        | =            |          |              |                                     |   |              | Щ  | $\square$              |
| 13                         | 17   | 1        | =            |          |              | <u> </u>                            |   | L            |  |                        |
| 14                         | 18   | 1        | =            |          |              |                                     |   |              |  |                        |
| 15                         | 19   | 1        | =            |          |              |                                     |   |              |  |                        |
| 16                         | 20<br>2D   | 1        | =            |          |              |                                     |   |              | _  |                        |
| 17                         | 20   | 1        | =            |          |              |                                     |   |              |  |                        |
| <del></del>                | 22   | Ė        | <u> </u>     |          | _            |                                     |   | -            |  |                        |
|                            | 22<br>23<br>24<br>25<br>26<br>27                               | _        |              |          | $\vdash$     |                                     |   | $\vdash$     |  | Н                      |
|                            | 24   | -        | _            | $\vdash$ | $\vdash$     |                                     | $\vdash$  | -            |  | $\vdash$               |
| <u> </u>                   | 24   | ┝        | _            | ⊢        |              |                                     | ⊢   | _            | <u> </u>   | Н                      |
|                            | 25   | <u> </u> | -            |          |              |                                     | <u> </u>  | _            | -  | $\vdash \vdash \vdash$ |
|                            | 26   | _        | <u> </u>     |          |              |                                     |   |              |  | Щ                      |
|                            | 27   | <u>L</u> | L            |          |              | _                                   |   |              |  | Щ                      |
|                            | 28<br>29   |          | <u> </u>     |          |              |                                     |   |              |  |                        |
|                            | 29   |          |              |          |              |                                     |   |              |  |                        |
|                            | 30   |          |              |          |              |                                     |   |              |  |                        |
|                            | 31<br>32   |          |              |          | Г            | Г                                   | Ι   | <u> </u>     |  | М                      |
|                            | 32   | Г        | Г            |          | Г            |                                     |   |              |  | $\vdash$               |
| <b> </b>                   | 33   | $\vdash$ | $\vdash$     | ┢        | $\vdash$     | _                                   |   | <b></b> -    | <del>                                     </del> | $\vdash$               |
| $\vdash$                   | 34   | $\vdash$ | $\vdash$     |          | -            |                                     | -   |              | ┝  | Н                      |
|                            | 34<br>35   | $\vdash$ | $\vdash$     | $\vdash$ |              | $\vdash$                            | $\vdash$  | -            | -  | ├─┤                    |
|                            | 30   | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$                            | $\vdash$  | -            |  | $\vdash$               |
| <b> </b>                   | 36   | $\vdash$ | $\vdash$     | <u> </u> | <del> </del> | <u> </u>                            | <u> </u>  |              |  |                        |
| <u></u>                    | 37   | _        | <u> </u>     | <u> </u> | <u> </u>     | <u> </u>                            | <u> </u>  |              | _  | Ш                      |
|                            | 38   |          |              |          | _            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _   | <u> </u>     | <u> </u>   | Ш                      |
|                            | 39   |          | L            | L        |              |                                     | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |              |  | Ш                      |
|                            | 40   | L        | Ĺ            |          | L            | L                                   |   |              | L  |                        |
|                            | 41   |          | Γ            |          |              | Γ                                   |   |              |  | П                      |
|                            | 42   | $\Box$   | 1            |          |              |                                     |   |              |  | П                      |
|                            | 43   | Т        | Т            |          | Т            |                                     |   | Τ            | Г  | П                      |
| -                          | 44   | ┢        | T            | $\vdash$ | $\vdash$     | $\vdash$                            | $\vdash$  | H            | $\vdash$   | Н                      |
| <b>-</b>                   | 45   | -        | <del> </del> | -        |              | <del> </del>                        | -   |              | <del> </del>                                     | Н                      |
| -                          |  | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$                            | $\vdash$  | -            | <u> </u>   | Н                      |
| <u> </u>                   | 46   | $\vdash$ | $\vdash$     | <b>—</b> | $\vdash$     | $\vdash$                            | <u> </u>  | $\vdash$     | <u> </u>   | $\vdash\vdash$         |
| <u> </u>                   | 47   | ┞        | <u> </u>     | <u> </u> | <u> </u>     | <u> </u>                            | _   | <del> </del> | <u> </u>   | Ш                      |
| L                          | 48   | <u> </u> | _            | _        | _            | <u> </u>                            | <u> </u>  |              | _  | Ш                      |
|                            | 49   | _        | L            |          | L            | L                                   | $oxed{L}$   | L            |  | $\Box$                 |
|                            | 50   | $\Gamma$ | 1            | -        |              |                                     | I   | I            |  |                        |

| /10  | 11111    |          | _  |  |  | Jak            | _        |              |  |              |   | U16      |          |                |  |          |              | Jak      |          |          |              |          |
|--|----------|----------|--|--|--|----------------|----------|--------------|--|--------------|---|----------|----------|----------------|--|----------|--------------|----------|----------|----------|--------------|----------|
|  | Original | 8/10/07  | 1/4/08   |  |  |                |          |              |  |              |   | Final    | Original |                |  |          |              |          |          | •        |              |          |
|  | 0        | 1        | =  |  |  |                | $\neg$   |              |  |              |   |          | 51       |                | -  |          |              | -        | П        |          | 1            | $\neg$   |
|  | 2        | Ò        |  |  |  |                | $\neg$   | _            | _  |              |   |          | 51<br>52 |                |  |          |              |          |          | $\neg$   |              | $\neg$   |
|  | 3        | Ť        |  | $\vdash$   |  |                |          | _            |  |              |   |          | 53       |                |  | _        |              |          | Н        |          |              |          |
| =  | 4        | 7        | =  |  |  |                |          | _            | -  |              |   |          | 54       | -              |  |          |              | -        |          | $\dashv$ |              |          |
|  | 5        | 7        | =  |  |  |                | -        |              |  | Н            |   |          | 55       |                |  | $\dashv$ |              |          |          |          |              | $\dashv$ |
| _  |          | 7        |  | -  |  |                |          |              | -  |              |   |          | 55       |                |  |          |              |          | $\vdash$ |          |              | $\dashv$ |
| _  | 6<br>7   |          | =  |  |  |                |          |              |  |              |   |          | 56       |                |  |          |              |          | Н        |          |              | $\dashv$ |
|  | 1        | 7        | =  |  |  |                |          |              |  |              |   |          | 57       |                |  |          |              |          |          |          |              | $\dashv$ |
|  | .8       | 1        | =  |  |  | _              |          |              |  |              |   |          | 58       |                |  |          |              |          | _        |          | _            |          |
|  | 9        | 1        | =  |  | _  |                |          |              |  | $\vdash$     |   |          | 59       |                |  |          |              | _        |          |          |              | _        |
|  | 10       | 1        | =  |  |  |                |          |              |  |              |   |          | 60       |                |  |          |              | _        | Ш        |          |              |          |
|  | 0        | V        | =  |  |  |                |          |              |  |              |   |          | 61       |                |  |          |              | L_       |          |          |              |          |
| _  | 12       | 0        |  |  |  |                |          |              |  |              |   |          | 62       |                |  |          |              |          |          |          |              |          |
| _  | 13       | 7        |  |  | -  |                |          |              |  |              |   |          | 63       |                |  |          |              |          | i        |          |              |          |
| )  | 14       | 1        | =  |  |  |                |          |              |  |              |   |          | 64       |                |  |          |              |          |          |          |              |          |
| Ī  | 15       | 1        | =  |  |  |                |          |              |  |              |   |          | 65       |                | ,  |          |              |          |          |          |              |          |
| 2  | 16       | 1        | =  |  |  |                |          |              |  |              |   |          | 66       |                |  |          |              |          |          |          |              |          |
| 3  | 17       | 1        | =  |  |  |                |          |              |  |              |   |          | 67       |                |  |          |              |          |          |          |              |          |
| ī  | 18       | 1        | =  |  |  | $\vdash$       |          | _            |  | _            |   |          | 68       | Г              |  |          |              |          |          |          |              |          |
| <u>.                                    </u> | 19       | 1        | =  | -  |  | -              |          |              |  |              |   |          | 69       |                |  |          |              | $\vdash$ |          |          |              |          |
| <u>'</u> -                                   | 20       | 1        | =  | <del>                                     </del> | $\vdash$   | $\vdash$       | -        |              |  |              |   |          | 70       | -              |  | _        | $\vdash$     | $\vdash$ |          |          |              | $\vdash$ |
| ,  | <u>2</u> | 1        | =  | -  | -  |                |          | _            |  | -            |   |          | 71       | $\vdash$       | $\vdash$   |          |              | $\vdash$ | $\vdash$ |          |              | $\dashv$ |
|  | 22       | <u> </u> | <u> </u>   |  | -  | -              |          | _            |  | -            |   |          | 72       | $\vdash$       | $\vdash$   |          |              | $\vdash$ | H        |          |              |          |
| _  | 22<br>23 | $\vdash$ |  |  | ⊢  |                |          | _            |  | $\vdash$     |   |          | 73       |                | ├  |          | -            | -        | H        |          |              | -        |
|  | 23       | -        |  | $\vdash$   | -  |                | $\vdash$ | _            |  | _            |   |          | 73       | -              | <u> </u>   |          |              | _        |          |          |              |          |
|  | 24       | L        |  | ┞  |  |                | $\vdash$ |              | <u> </u>   | <u> </u>     |   |          | 74       |                | $\vdash$   |          |              | _        | L        |          |              | $\dashv$ |
|  | 25       | _        | <u> </u>   |  | ļ  |                | <u> </u> |              | <u> </u>   | _            |   |          | 75       | _              | <u> </u>   |          |              |          | <u> </u> |          |              |          |
|  | 26       |          | <u> </u>   |  |  |                |          |              |  | _            |   |          | 76       | _              | <u> </u>   |          |              | <u> </u> |          |          |              |          |
|  | 27       | L        | <u> </u>   |  |  | <u> </u>       |          |              |  | L.,          |   |          | 77       | _              |  |          |              |          |          |          |              |          |
| _  | 28<br>29 |          | <u> </u>   |  |  | <u> </u>       |          |              |  |              |   |          | 78       |                |  |          |              | <u> </u> |          |          |              |          |
|  | 29       |          |  | _  |  |                |          |              |  | <u>_</u>     |   |          | 79       |                |  |          |              | _        |          |          |              |          |
|  | 30       |          | <u> </u>   |  | _  |                |          |              | _  |              |   |          | 80       |                |  |          |              | L        |          |          |              |          |
|  | 31       |          |  |  |  |                |          |              |  |              |   |          | 81       |                |  |          |              |          |          |          |              |          |
|  | 32       |          |  |  |  |                |          |              |  |              |   |          | 82       |                |  |          |              |          |          |          |              |          |
|  | 33       |          |  |  |  |                |          |              |  |              |   |          | 83       |                |  |          |              |          |          |          |              |          |
|  | 34       |          |  |  |  |                |          |              |  |              | ĺ |          | 84       |                | П  |          |              |          |          |          |              |          |
|  | 35       |          |  | Π  |  |                | Г        |              | Г  |              | } |          | 85       |                |  |          |              |          |          |          |              |          |
|  | 36       |          |  |  |  |                |          |              | <u> </u>   |              |   | [        | 86       |                |  |          |              |          |          | Γ        |              |          |
| _  | 37       | П        |  | П  | Г  | $\Box$         |          |              |  |              | ĺ |          | 87       |                | П  |          |              |          | Г        |          |              |          |
| _  | 38       | Г        |  | Г  |  |                |          |              |  |              | } |          | 88       | Γ.             |  |          |              | Г        |          |          |              | П        |
| _  | 39       | 一        | <del>                                     </del> |  | $\vdash$   | T              | T        |              | T  | T            |   |          | 89       |                |  |          | <u> </u>     |          |          |          |              | Н        |
| _  | 40       | $\vdash$ | Ι  |  | <del>                                     </del> |                | $\vdash$ |              | ı  |              | i | <b>-</b> | 90       | <u> </u>       | _  | -        | <del> </del> |          |          |          |              | H        |
|  | 41       |          |  |  |  | $\vdash$       | -        | -            | $\vdash$   | $\vdash$     | İ |          | 91       | H              | $\vdash$   |          | $\vdash$     |          | Н        | $\vdash$ |              | Н        |
|  | 42       | $\vdash$ | <del>                                     </del> | -  | -  | -              | $\vdash$ |              |  | _            | l | <b>-</b> | 92       |                | $\vdash$   | $\vdash$ |              | ١.       | $\vdash$ | $\vdash$ |              | $\vdash$ |
| _  | 43       | -        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$       | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$     |   | <u> </u> | 93       | ├              |  | -        | $\vdash$     | ┢        |          | $\vdash$ | -            | $\vdash$ |
| _  | 44       | -        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$       | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$     | l | <u> </u> | 94       | $\vdash$       | <del>                                     </del> |          | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | Н        |
|  |          | -        |  | -  |  | <del> </del>   | -        |              |  |              | 1 | <u> </u> | 95       | -              | $\vdash$   | $\vdash$ | $\vdash$     | -        | ├        | ├—       | $\vdash$     | Н        |
|  | 45       | -        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$       | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$     | 1 | <u> </u> |          | $\vdash$       | -  | ├-       | -            | $\vdash$ | $\vdash$ |          | <u> </u>     | Н        |
| _  | 46       | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$       | $\vdash$ | $\vdash$     | ⊢  | -            |   | <u> </u> | 96       | $\vdash$       | $\vdash$   | $\vdash$ | -            | -        |          | $\vdash$ | $\vdash$     | $\vdash$ |
|  | 47       | ┡        | <u> </u>   | <u> </u>   | <del>  -</del>                                   | <del> </del> — | -        | <del> </del> | <del>                                     </del> | <del> </del> |   | ļ        | 97       | <del>  -</del> | <u> </u>   |          | $\vdash$     | <u> </u> | ├-       | $\vdash$ | <u> </u>     | $\vdash$ |
| _  | 48       | ├-       | -  | <u> </u>   | $\vdash$   | _              | $\vdash$ | $\vdash$     | _  | ₩            |   | <u> </u> | 98       | $\vdash$       | ⊢  | <u> </u> | <u> </u>     | $\vdash$ | <u> </u> | <u> </u> | <del> </del> | -        |
|  | 49       | <b>!</b> | ⊢  | -  | <u> </u>   | <u> </u>       | $\vdash$ | <u> </u>     | 1  | ⊢            |   | <u> </u> | 99       | ⊢              | <u> </u>   | <u> </u> | <u> </u>     | ├        | $\vdash$ |          | <u> </u>     | Ш        |
|  | 50       |          | <u> </u>   | 1  |  | <u> </u>       | <u> </u> |              | L  | L_           | j | L        | 100      | Ц_             | L_   |          |              | <u> </u> | <u></u>  | <u> </u> | L            |          |
|  |          |          |  |  |  |                |          |              |  |              |   |          |          |                |  |          |              |          |          |          |              |          |

| Cla   |  |  |  | [            | Date   | 9            |              |              |  |                 |
|-------|--|--|--|--------------|--|--------------|--------------|--------------|--|-----------------|
| Final | Original                               |  |  |              |  |              | •            |              |  |                 |
|       | 101                                    |  |  |              |  |              |              |              |  | $\sqcap$        |
|       | 101<br>102                             |  |  |              |  |              |              |              |  |                 |
|       | 103                                    |  |  |              |  |              |              |              |  |                 |
|       | 104<br>105                             |  |  |              |  |              |              |              |  |                 |
|       | 105                                    |  |  |              |  |              |              |              |  |                 |
|       | 106                                    |  |  |              |  |              |              |              |  |                 |
| ,     | 107<br>108<br>109                      |  |  |              |  |              |              |              |  | Ш               |
|       | 108                                    |  |  |              |  |              |              |              | _  | Н               |
|       | 109                                    |  |  |              |  |              |              |              |  |                 |
|       | 110                                    |  |  | <u> </u>     |  |              |              |              |  |                 |
|       | 111<br>112<br>113<br>114<br>115<br>116 | _  | <u> </u>   |              |  |              | -            |              |  |                 |
|       | 112                                    | -  | <u> </u>   | <del></del>  |  |              |              |              |  |                 |
|       | 113                                    | -  | -  | H            | -  | $\vdash$     | $\vdash$     |              |  | Н               |
|       | 115                                    | <del> </del>                                     | <del> </del>                                     |              | -  | $\vdash$     | H            |              | $\vdash$   | H               |
|       | 116                                    |  |  | H            |  |              |              |              | $\vdash$   | $\vdash \dashv$ |
|       | 117                                    |  |  | <u> </u>     |  | -            |              |              | -  | -               |
|       | 118                                    | -  |  |              |  |              | -            | -            | -  | Н               |
|       | 118<br>119                             |  |  | -            |  |              |              | -            | $\vdash$   | Н               |
|       | 120                                    |  |  | $\vdash$     | -  |              | -            | -            |  | $\vdash$        |
|       | 121                                    | -  | $\vdash$   | $\vdash$     | -  | -            | -            |              |  | Н               |
|       | 122                                    |  |  |              | -  | <u> </u>     |              |              | _  | П               |
|       | 121<br>122<br>123                      |  | $\vdash$   |              |  | _            | $\vdash$     |              | -  |                 |
|       | 124<br>125                             |  | _  | Ι            |  |              |              |              |  | П               |
|       | 125                                    |  |  |              | T-   |              | Г            |              |  | П               |
|       | 126                                    |  |  |              |  |              |              |              |  |                 |
|       | 127<br>128<br>129<br>130               |  |  |              |  |              |              |              |  |                 |
|       | 128                                    |  |  | L            |  |              |              |              |  |                 |
|       | 129                                    |  |  |              | Ľ  |              |              |              | 匚  | Ш               |
|       | 130                                    |  |  |              |  |              |              |              |  | Ш               |
|       | 131                                    | <u>_</u>   |  |              | _  | _            |              | _            | _  |                 |
|       | 132<br>133                             |  |  |              |  |              |              | <u> </u>     | _  |                 |
|       | 133                                    |  |  |              |  | L.           |              |              | <u> </u>   |                 |
|       | 134                                    | _  |  | <u> </u>     |  |              | <u> </u>     |              | ļ  | Щ               |
|       | 135                                    | <u> </u>   | <u> </u>   | <u> </u>     |  | -            | <u> </u>     |              |  | $\sqcup$        |
|       | 135<br>136<br>137                      |  |  | -            | _  | <u> </u>     | <u> </u>     |              |  | $\sqcup$        |
|       | 137                                    | _  | <u> </u>   | -            |  | -            | <del> </del> |              |  | Н               |
|       | 138<br>139                             | -  | <u> </u>   |              |  |              | -            |              | -  | Н               |
|       | 140                                    | $\vdash$   | -  |              | $\vdash$   |              | $\vdash$     | -            | -  | $\vdash\vdash$  |
|       | 444                                    | -  | $\vdash$   | <del> </del> | -  | <del> </del> | $\vdash$     | $\vdash$     | $\vdash$   | Н               |
| L     | 141                                    | $\vdash$   | $\vdash$   | $\vdash$     | 1  |              | $\vdash$     | $\vdash$     | <del>                                     </del> | $\vdash$        |
|       | 143                                    | $\vdash$   | <del> </del>                                     | $\vdash$     | $\vdash$   | $\vdash$     | <del> </del> | <del> </del> | $\vdash$   | $\vdash \vdash$ |
|       | 144                                    | t  | $\vdash$   | -            | $\vdash$   |              | 一            | -            | <del> </del>                                     | $\vdash \vdash$ |
|       | 145                                    | <del>                                     </del> | <del>                                     </del> | $\vdash$     | $\vdash$   | -            | $\vdash$     |              | H  | Н               |
|       | 146                                    | t  |  | $\vdash$     | <del>                                     </del> | t            |              | $\vdash$     | t-   | H               |
|       | 147                                    | t  | T  | T            | <u> </u>   |              |              | $\vdash$     | ┢  | $\sqcap$        |
|       | 148                                    | T  | Г  | Г            | I  |              | Г            | <u> </u>     | İ  | П               |
|       | 149                                    |  |  |              |  |              |              |              |  |                 |
|       | 150                                    |  |  |              |  |              |              |              |  |                 |
|       |  | •  | _  |              |  | -            |              |              |  |                 |